SITE FACT SHEET

Bombardier Transportation Mexico
Site in Sahagún, State of Hidalgo, Mexico

Basic Information

Bombardier Transportation has 25 years presence in Mexico (since 1992) and employs around 1,800 people. The company has developed a strong and successful local manufacturing footprint in the Mexican rail industry. The plant in Sahagún, Hidalgo (site 60), is one of the largest in the Bombardier network and is the only one in Mexico that specializes in the design, manufacture, introduction of passenger rail vehicles, maintenance and after-sales services.

The company offers to the Mexican market a complete range of systems, products and rail passenger services such as, metro cars, light rail, locomotives and regional trains.

The Ciudad Sahagún site is a 500,000 square meters facility located 90km north-east of Mexico City, this plant has state of the art equipment for the production of high quality products and services.

Main Process Areas

- Heavy & light metallic shops to manufacture sheet metal parts (17,300 sq.m.)
- Welding area for minor subassemblies (4,700 sq.m.)
- Metallic lines (32,000 sq.m.)
- Painting area (11,500 sq.m.)
- Dressing area (13,000 sq.m.)
- Static test area (2,300 sq.m.)
- Dynamic test track (500 m.)

Main Products and Contracts

- Bombardier has supplied around 70% of the rolling stock currently in operations in Mexico, manufactured at its local facilities.
  - 61% of metro cars currently in operation in Mexico City (STC)
  - 100% of the Electric Transport light rail vehicles fleet in Mexico City (STE-DF)
  - 74% of the Urban Transit System fleet currently operating in Monterrey (Metrorrey)
  - 100% of the light rail vehicle fleet currently operating in Guadalajara (SITEUR)
Bombardier Transportation Mexico has expanded its reach throughout North America, enhancing its growth, by participating in locomotives projects for the US market, multilevel trains, trams and light rails for Toronto, metro cars for Montréal, Toronto, New York City and San Francisco, among others. Metros for Riyadh, Kingdom of Saudi Arabia, and for Kuala Lumpur, Malaysia. Also currently manufacturing LRVs for Guadalajara, Jalisco.

Historical Milestones

1952 Constructora de Carros de Ferrocarril (Concarril) is founded by the Mexican government with a plant in Sahagun, Hidalgo

1973 The first pneumatic cars for the Sistema de Transporte Colectivo (STC) are built (MN73)

1981 Bombardier Transportation signs its first contract for the Mexican market to manufacture 180 metro cars for Sistema de Transporte Colectivo (STC) in Mexico City

1990 Contract with the Sistema de Tren Eléctrico Urbano de Guadalajara (SITEUR) and Concarril to manufacture 25 LRVs

Contract with Monterrey metro, Metrorrey and Concarril to manufacture 12 LRVs

1992 On May 6th, Bombardier Inc. acquires Constructora Nacional de Carros de Ferrocarril (Concarril), creating Bombardier Concarril, later named Bombardier Transportation Mexico

1993 First contract with Sistema de Transporte Colectivo (STC) to refurbish metro cars (234 MP68-R93) for Lines 5, 7 and B, first phase

1995 Contract to manufacture 78 steel-wheel cars model FM-95A for the Sistema de Transporte Colectivo Metro (STC) in Mexico City, Line A

First contract to manufacture 4 Light Rail Vehicles (LRVs) for Servicio de Transportes Eléctricos (STEDF) in Mexico City TE-95

1996 Second refurbishing phase of metro cars (252 MP68-R93) for the Sistema de Transporte Colectivo (STC), Line 1 and B

1997 Joint Venture with ‘The Greenbrier Companies’ to build freight cars through Gunderson Concarril with a production capacity of up to 3,000 cars/year

Begin manufacturing of diesel electric locomotives. Since then the production goes over 2,000 locomotives

1998 Bombardier produces in Mexico the first electrical harness for its vehicles

Bombardier begins to assemble electrical diesel locomotives for Electro-Motive Diesel (EMD) a division of General Motors
1999 First contract to supply components for a project in the United States, under frames for the New York City Transit Authority (NYCTA)

2000 The site of Sahagún is recognized as the Light Rail Center of Expertise for the Americas

2001 Minneapolis low-floor LRVs (24 trains)

2002 Contract to manufacture 405 Metro cars model NM-02 for Sistema de Transporte Colectivo (STC), Mexico City Metro, Line 2

2004 Termination of the Joint venture with Gunderson and signature of leasing agreement
Sahagún starts to build underframes for Long Island Rail Road (LIRR) y Metro North Railroad (MNR)

2005 Inauguration of Bombardier Aerospace in Mexico, located in Querétaro for manufacturing of airplanes components
Contract to manufacture 14 Light Rail Vehicles (LRVs) NM-05 for Monterrey metro. Line 1, Metrorrey

2006 Vancouver and Kuala Lumpur Advanced Rapid Transit (ART) trains (188 cars)
Primary parts, minor sub-assemblies and harnesses for New Jersey Transit (NJT), Agence Métropolitaine de Transport (AMT), Chicago Transit Authority (CTA) and Light Rail Vehicles (LRV) for Toronto Transit Commission (TTC)
Contract to manufacture 4 Light Rail Vehicles (LRVs) TE-06 for Servicio de Transportes Eléctricos (STEDF) in Mexico City

2009 Bombardier opens a new facility specialized in electrical assemblies in Huehuetoca, State of Mexico. One year later, it becomes the main supplier of Bombardier Transportation in North America

2010 Opening of the Tlanalapa site in Hidalgo

2012 Contract to manufacture 4 LRVs model TE-12 for Transportes Eléctricos del Distrito Federal (STEDF) line Taxqueña-Xochimilco, Mexico City
BART Project begins for assemblies and electrical harnesses

2013 Move of Tlanalapa site to BT Hidalgo site

2014 Locomotive number 2000. End of shopping floor leasing agreement with Gunderson

2015 Put into service of four LRVs for Servicio de Transportes Eléctricos (STEDF). Awarded contract with Sistema de Tren Eléctrico Urbano de Guadalajara (SITEUR) to supply 12 LRVs for Guadalajara

2017 On March, 16th, Shipping 1st LRV to Sistema de Tren Eléctrico Urbano de Guadalajara (SITEUR) facilities, two months ahead of contract schedule

Bombardier celebrates 25 years of work and success in Mexico

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Capabilities

- Heavy & light metallic shops to make sheet metal parts
- Welding shops for minor subassemblies
- Electrical assemblies
- Metallic lines
- Painting shops
- Subway cars design, manufacturing and customer service (Rubber tired and steel wheel).
- High Floor LRV cars design, manufacturing and customer service
- Freight locomotives assembling for the North American market
- Static test shops
- Dynamic test track for subways (500 m), locos (1200 m)
- Welding training center for carbon steel and aluminum

Some of our certifications

- Certified ISO 9001: 2000 (Quality),
- Certified ISO 14001: 2004 (Environmental Management System)
- OHSAS 1801: 1999 (Health and Safety Management System)
- Certified American Welding Society
- Certified American Association of Railroads
- Certified Clean Industry

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